MERCRUISER AND MERCURY RACING (STERNDRIVE) SERVICE MANUAL INDEX

Mercury MerCruiser

#	Supplement To	Part Number	Latest	Description	Scope		Related Diagram Set
					SN Range or Models	Years	
1	–	90-68648	Feb 1986	Engines & Drives	All	1963–1973	–
–	–	90-73033		Jet Drive 400	All	1975	–
2	–	90-71707	Feb 1986	Engines, Drives & Jet Drive 400	All	1974–1977	–
3	–	90-95693 R1	Aug 1988	Engines: 4-Cylinder, L6 & V8	All	1978–1984	–
4	–	90-86137	Feb 1986	Sterndrives: MC 120 to 260	All	1978–1982	–
5	–	90-12935	Oct 1985	Sterndrives: TR and TRS	All	1978–1993	–
6	–	90-12934-2	Oct 1997	Sterndrives: R, MR, Alpha One & Alpha One SS	All	1983–1990	–
7	–	90-12410	Nov 1985	Engines: GM V6	All	1983–1993	–
8	–	90-44553 R2	Dec 1993	Engines: MM 4-Cylinder	All	1985–1989	–
9	–	90-14499 R1	Aug 1987	Engines: GM V8	All	1985–1988	–
10	–	90-14693-1R1	Jan 1994	Engines: GM 4-Cylinder	All	1985–1989	–
11	–	90-17431-4	Mar 1998	Sterndrives: Bravo	All	1988–1998	–
12	–	90-814099-2	Jan 1996	Engines: 5-Cylinder & 6-Cylinder Diesel	All	1989–1993	–
13	–	90-816462 R2	Jun 1995	Engines: GM 4-Cylinder	All	1990–1997	–
14	–	90-818177-3	Apr 2001	Sterndrives: Alpha One Gen II	All	1991–	–
15	–	90-816463	Mar 1992	Engines: GM V8	All except High Performance	1989–1992	–
16	–	90-823224-2	Jul 1996	Engines: GM V8 454cid & 502cid	Gen V–Gen VI	1993–1997	–
17	–	90-823225-1	Oct 1996	Engines: GM V8 305cid & 350cid	All	1993–1997	–
				Engines: GM V8 5.0L		1993–1995	–
18	–	90-823226-1	Sep 1996	Engines: GM V6 Gen II Balance Shaft	All	1993–1997	–
19	–	90-823227	Jan 1994	Engines: V8 7.3L (IDI) Diesel	All	1994–1996	–
20	–	90-823228 R1	Jun 1994	Sterndrives: Blackhawk	All	1994–1998	–
21	–	90-806934	Nov 1994	Engines: 5-Cylinder & 6-Cylinder 3.0L, 3.6L, & 4.2L (IDI) Diesel	All	1994–	–
22	–	90-860074-1	Feb 2002	Engines: D-Tronic 2.8L & 4.2L (DI) Diesel	Starting SN 0K000001	1997–	–
22-S	22	90-860074020	Sep 2002	Engines: D4.2L 300 Diesel	All	2002–	–

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					SN Range or Models	Years	
23	–	90-861326-1	Mar 1999	Engines: GM V8 Gen VI			
				• Sterndrive 454 Mag MPI	SN 0L010029–	1998–2001	–
				• Sterndrive 502 Mag MPI	SN 0L017000–		
				• Inboard 454 Mag MPI Horizon	SN 0L002200–		
				• Inboard 8.2L MPI	SN 0L002450–		
				Engines: GM V8 L-29			
				• Sterndrive 7.4L MPI	SN 0L010003–	1998–2001	–
				• Inboard 7.4L MPI	SN 0L002006–		
24	–	90-861327-1	Oct 1999	Engines: GM V8 305cid & 350cid		1998–2001	90-869208201
				• Sterndrive 5.0L	SN 0L015751–0M087347		
				• Sterndrive 5.0L EFI	SN 0L012052–0M299999		
				• Sterndrive 5.7L	SN 0L010037–0M087347		
				• Sterndrive 5.7L EFI	SN 0L010035–0M299999		
				• Sterndrive 350 Mag MPI	SN 0L010019–0M299999		
				• 5.7L Comp Ski	SN 0L002005–0L677945		90-869208301
				• 350 Mag MPI Ski	SN 0L002600–0M309999		
				• Black Scorpion	SN 0L002700–0M391599		
				• Inboard 5.7L	SN 0L002003–0L677226		
				• Inboard 350 Mag MPI	SN 0L002008–0M309999		
24-S	24	90-861327000	Jul 2000	Engines: GM V8 377cid (6.2L)	All	2000–2001	–
25	–	90-861328-1	Nov 1999	Engines: GM V6			
				• 4.3L	SN 0L125850–	1998–	90-869208101
				• 4.3H	SN 0L110850–		
				• 4.3L EFI	SN 0L110850–0M299999		
26	–	90-861329-1	Mar 1999	Engines: GM 4-Cylinder Sterndrive 3.0L Alpha	SN 0L010042–	1998–	90-869208101
27	–	90-861784-1	Nov 2002	Engines: V8 D7.3L D-Tronic (DI) Diesel	All	1998–2002	–

#	Supplement To	Part Number	Latest	Description	Scope		Related Diagram Set
					SN Range or Models	Years	
28	–	90-863160-1	May 2000	Sterndrives:			
				• Bravo One, Two, Three & XZ/XR	SN 0M100000–	2000–2005	–
				• Sport Master	SN 0M052945–		
29	–	90-863016001	Mar 2008	Engines: Sterndrive D1.7L DTI In-Line Diesel	SN 0M055001–	2000–	–
30	–	90-863161T00	Aug 2006	Engines: 8.1L (496cid)			
				• Sterndrive models	SN 0M000000–1A086855	2000–2007	90-869208401
				• Inboard models	SN 0M000000–0W698173		
				Engines: 496 Sterndrives • 496 MAG • SeaCore 496	SN 1A300000–	2008–	
				• 8.1 H.O. • Horizon 8.1	SN 1A090000	2008–	
31	–	90-864260001	Jun 2003	Engines: 5.0L (305cid), 5.7L (350cid) and 6.2L (377cid)			
				• Sterndrive 5.0L	SN 0M087348–	2001–	90-869208201
				• Sterndrive 5.0L MPI	SN 0M30000–		
				• Sterndrive 5.7L	SN 0M087348–		
				• Sterndrive 350 Mag MPI	SN 0M300000–		
				• Sterndrive MX 6.2 MPI	SN 0M300000–		
				• 5.7L Tow Sports	SN 0L677946–		90-869208301
				• 350 Mag MPI Tow Sports	SN 0M310000–		
				• Black Scorpion	SN 0M391600–		
				• MX 6.2 MPI Tow Sports	SM 0M310000–		
				• MX 6.2 Black Scorpion	SN 0M391750–		
				• Inboard 5.7L	SN 0L677227–		
				• Inboard 350 Mag MPI	SN 0M310000–		
				• Inboard MX 6.2 MPI	SN 0M310000–		
32	–	90-864261	Nov 2001	Engines: Sterndrive 4.3L MPI	SN 0M300000–	2001–	90-869208101
33	–	90-863757002	Sep 2007	PCM 555 Diagnostics	All DTS	2000–2007	–
					All DTS without Emissions Control	2008–	
34	–	90-863616	Sep 2002	Engines: D4.2L LD In-Line Diesel	All	2001–	–
35	–	90-864212	Nov 2001	Precision Pilot	All	2001–	–
36	–	90-864573001	Dec 2006	ECM 555 Diagnostics	All MPI non-DTS	2001–2007	–
					All MPI non-DTS without Emissions Control	2008–	

#	Supplement To	Part Number	Latest	Description	Scope		Related Diagram Set
					SN Range or Models	Years	
37	31	90-864260020	Oct 2002	Dry Joint Exhaust System			
				• Sterndrive	SN 0M600000–	2002–	–
				• Inboard & Tow Sports	SN 0M317000–		
38	–	90-866211	Feb 2005	Jetdrive	SN 1D000001–	2004–	–
39	–	90-865612T01	May 2008	Bravo Sterndrives			
				• Bravo Standard, Bravo X	SN 0M198373–	2004–	–
				• Bravo XR	SN 0W240000–		
				• Transom	SN 0W173658–		
				• Transom (High Performance)	SN 0W150260–		
40	30 & 31	90-865376	Nov 2004	Engines: Gen III Cool Fuel			
				• 5.0L MPI (Bravo)	SN 0W060000–	2004–	90-869208201
				• 350 MAG MPI (Bravo)			
				• 6.2L MPI (Bravo)			
				• Sterndrive 496 MAG			90-869208401
				• Inboard 350 MAG MPI	SN 0M398372–		90-869208301
				• Inboard 6.2L MPI	SN 0M398395–		
				• Inboard 8.1L (496cid)	SN 0W090000–		
41	25, 26 & 31	90-866202	Dec 2004	Engines: Turn Key Start (TKS)			
				• 3.0L	SN 0W30200–	2004–	90-869208101
				• 4.3L	SN 0W300013–		
				• 5.0L	SN 0W300010–		90-869208201 90-869208301
				• 5.7L	SN 0W300755–		
42	–	90-866025	Feb 2006	Engines: 2.8L Diesel			
				• 2.8L ES & EI 170	SN 88005200– 88010000	2006–	–
				• 2.8L ES & EI 200	SN 88010001– 88020000		
45	–	90-866944	Jul 2008	Zeus Drive	SN OM956937–	2007–	–
47	–	90-866941	Nov 2007	Engines: QSD 2.8L and 4.2L Diesel Models			
				• QSD 2.8L Sterndrive	SN 88300400 – 88314999	2007–	–
				• QSD 2.8L Inboard	SN 88300000 – 88310399		
				• QSD 4.2L Sterndrive	SN 88401000 – 88419999		
				• QSD 4.2L Inboard	SN 88400000 – 88416999		
48	–	90-866942	Jan 2008	Engines: QSD 2.0L Diesel Models			
				Sterndrive	SN 88201000 –	2007–	–
				Inboard	SN 88200000 –		

#	Supplement To	Part Number	Latest	Description	Scope		Related Diagram Set
					SN Range or Models	Years	
–	–	90-895372	Aug 2004	SmartCraft Digital Throttle & Shift (DTS): 10-Pin Engine Connection	USA version	2004–	–
–	–	90-896643	Nov 2004		International version	2004–	–
–	–	90-895072	Aug 2004	SmartCraft Digital Throttle & Shift (DTS): 14-Pin Engine Connection	USA version	2004–2005	–
–	–	90-896642	Aug 2004		International version	2004–	–
–	–	90-897790	Nov 2005		Version 06	2005–	–
–	–	90-814705R03	Dec 2006	Remote Controls	All Mercury remote controls	1998–	–
–	–	90-869267	Apr 2007	Vazer 100 Engine and Drive: Interim Service Manual	SN 1A035000–	2007–	90-869208101
–	–	90-866948001	Aug 2007	MerCruiser Special Tools			
–	–	90-866909	Feb 2008	Cummins MerCruiser Diesel Special Tools			
–	–	90-869208T01	Jun 2008	MerCruiser Diagram Binder	See index, 90-869216002		–
–	26, 30, 31, 90-869267	90-879288023	June 2008	Engines: MerCruiser Models with Emissions Control			
				• Vazer 100 with Emissions Control	SN 1A036000–	2008–	90-869208101 90-869208201 90-869208301 90-869208401
				• 3.0 MPI with Emissions Control • Small block sterndrive models with Emissions Control	SN 1A300000–		
				• Scorpion 350 with Emissions Control	SN 0W698433–		
				• Tow Sports 5.7 MPI with Emissions Control • Inboard models with Emissions Control	SN 1A090000–		

Mercury Racing Sterndrives

#	Supplement To	Part Number	Manual Type	Latest	Description	Scope	
						SN Range or Models	Years
1	–	90-817110	Service	Dec. 1990	Engines: Hi-Performance		
					• Mark IV HP420/HP425/HP465 • HP500 Bulldog • HP575	All	1989–1992
2	–	90-815526	Service	Dec. 1991	Sterndrives:		
					• III • II, III, IV & V SSM	All	1982–
2-S	2	90-849776	Service	Sept. 1997	Sterndrives: III A	All	

#	Supplement To	Part Number	Manual Type	Latest	Description	Scope	
						SN Range or Models	Years
3	–	90-848294	Service	Dec. 1994	Engines: Hi-Performance • Gen V HP425/HP450/ HP465/HP500 • Mark IV • Gen V HP525SC/ HP600SC/HP 800SC	All	1992–1998
4	–	90-848656	Service	Mar. 1996	Sterndrives: VI and VII (Non Dry Sump)	All	
5	–	90-840250	Service	Oct. 1998	Sterndrives: VI (Dry Sump)	All	1999–
6	–	90-840283R01	Service	Oct. 2002	Engines: HP500 EFI	All	1999–
7	–	90-840500	Service	Mar. 2000	Engines: HP377 EFI	All	1999–
8	–	90-841053	Diagnostic	Jan. 2002	Engines: HP575 SCi	SN 0L601000–	2001–
		90-840542	Service	Nov. 2002			2001–
9	–	90-843188	Diagnostic	Apr. 2003	Engines: HP525 EFI	SN 0M900146-0M953619	2003–2006
		90-843189	Service	June 2003			2003–2006
10	–	90-842770R02	Diagnostic	May 2007	Engines:		2005–
		90-842771R01	Service	Feb. 2007	• HP850 SCi • HP1075 SCi • HP1200 SCi	All	2004–
11	–	90-841965	Diagnostic	June 2005	Engines: HP600 SCi	SN 0M950332–0M954917	2006
		90-841966	Service	July 2005			2006
12	–	90-840250R01	Service	June 2005	Sterndrives: VI (Dry Sump)	All	1999–
13	–	90-8M8000084	Diagnostic	Feb. 2006	Engines HP525 EFI	Model year 2006½, starting SN 0M953620	2006M–
		90-8M8021132	Service	Feb. 2006			2006M–
14	–	90-8M8020286	Diagnostic	Feb. 2006	Engines:		2006–
					• HP600 SCi	SN 0M955081–	
		90-8M8020287	Service	June 2006	• HP700 SCi	SN 0M954560–	2006–
15	–	90-8M8020285	Service	Aug.2006	Sterndrives: Dry Sump NXT[1]	SN 0M954570–	2006–
–	–	90-814705R03	Service	Dec. 2006	Remote Controls	Mercury remote controls	1998–
--	--	90-8M8022121	Special Tools	Apr. 2008	Mercury Racing Special Tools Catalog	Special tools for Mercury Racing Outboard and Sterndrive Products	--

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